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FILE 'HOME' ENTERED AT 14:18:48 ON 17 MAY 2004

=> file req

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 14:18:55 ON 17 MAY 2004
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STRUCTURE FILE UPDATES: 16 MAY 2004 HIGHEST RN 682330-24-1
DICTIONARY FILE UPDATES: 16 MAY 2004 HIGHEST RN 682330-24-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

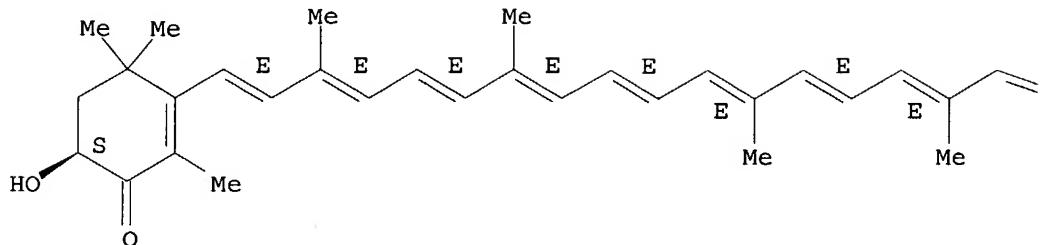
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=> s astaxanthin
L1      61 ASTAXANTHIN

=> d 61

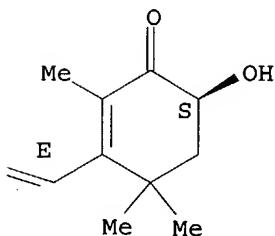
L1      ANSWER 61 OF 61  REGISTRY  COPYRIGHT 2004 ACS on STN
RN      472-61-7  REGISTRY
CN      β,β-Carotene-4,4'-dione, 3,3'-dihydroxy-, (3S,3'S)- (9CI)  (CA
      INDEX NAME)
OTHER CA INDEX NAMES:
CN      β-Carotene-4,4'-dione, 3,3'-dihydroxy-, all-trans- (8CI)
CN      Astaxanthin (6CI)
OTHER NAMES:
CN      (3S,3'S)-all-trans-Astaxanthin
CN      (3S,3'S)-Astaxanthin
CN      (3S,3'S)-Astaxanthin
CN      all-trans-Astaxanthin
CN      Astaxanthin, all-trans-
CN      BioAstin
CN      BioAstin oleoresin
CN      Carophyll Pink
CN      Lucantin Pink
CN      Natupink
CN      Ovoester
CN      trans-Astaxanthin
FS      STEREOSEARCH
DR      346585-67-9
MF      C40 H52 O4
CI      COM
LC      STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
      BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,
      CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT,
      IFIUDB, IPA, MEDLINE, MRCK*, NAPRALERT, PROMT, SPECINFO, TOXCENTER,
      USPAT2, USPATFULL, VETU
      (*File contains numerically searchable property data)
Other Sources: EINECS**
      (**Enter CHEMLIST File for up-to-date regulatory information)
```

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A



PAGE 1-B

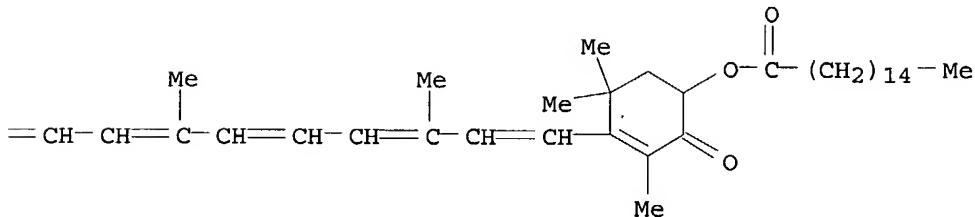
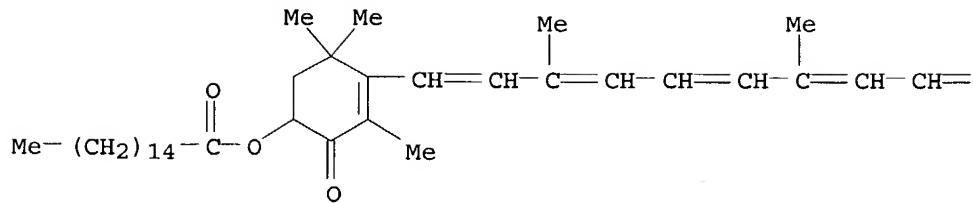


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1809 REFERENCES IN FILE CA (1907 TO DATE)
226 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1811 REFERENCES IN FILE CAPLUS (1907 TO DATE)
44 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 60

L1 ANSWER 60 OF 61 REGISTRY COPYRIGHT 2004 ACS on STN
RN 5794-22-9 REGISTRY
CN β,β -Carotene-4,4'-dione, 3,3'-bis[(1-oxohexadecyl)oxy]-,
(3S,3'S)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN β -Carotene-4,4'-dione, 3,3'-dihydroxy-, dipalmitate (8CI)
CN Palmitic acid, diester with 3,3'-dihydroxy- β -carotene-4,4'-dione
OTHER NAMES:
CN Astaxanthin dipalmitate
MF C72 H112 O6
LC STN Files: BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

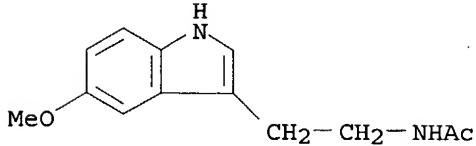
8 REFERENCES IN FILE CA (1907 TO DATE)
8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s melatonin
L2 158 MELATONIN

=> d 158

L2 ANSWER 158 OF 158 REGISTRY COPYRIGHT 2004 ACS on STN
RN 73-31-4 REGISTRY
CN Acetamide, N-[2-(5-methoxy-1H-indol-3-yl)ethyl]- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Acetamide, N-[2-(5-methoxyindol-3-yl)ethyl]- (6CI, 8CI)
OTHER NAMES:
CN 5-Methoxy-N-acetyltryptamine
CN Circadin
CN Melatol
CN Melatonin
CN Melatonine
CN Melovine
CN N-Acetyl-5-methoxytryptamine
CN N-[2-(5-Methoxyindol-3-yl)ethyl]acetamide
CN NSC 113928
CN NSC 56423
CN Regulin
FS 3D CONCORD
MF C13 H16 N2 O2
CI COM
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS,
CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM,
CSNB, DDFU, DIOGENES, DRUGU, EMBASE, HODOC*, IFICDB, IFIPAT, IFIUDB,
IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PHAR, PIRA, PROMT
RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL, VETU
(*File contains numerically searchable property data)

Other Sources: EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10153 REFERENCES IN FILE CA (1907 TO DATE)
114 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
10167 REFERENCES IN FILE CAPLUS (1907 TO DATE)
60 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

FILE 'CAPLUS' ENTERED AT 14:20:54 ON 17 MAY 2004
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FILE 'MEDLINE' ENTERED AT 14:20:54 ON 17 MAY 2004

FILE 'BIOSIS' ENTERED AT 14:20:54 ON 17 MAY 2004
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=> d hist

(FILE 'HOME' ENTERED AT 14:18:48 ON 17 MAY 2004)

FILE 'REGISTRY' ENTERED AT 14:18:55 ON 17 MAY 2004
L1 61 S ASTAXANTHIN
L2 158 S MELATONIN

FILE 'CAPRIUS MEDLINE BIOSIS' ENTERED AT 14:30:54 ON 17 MAY 2004

FILE 'REGISTRY' ENTERED AT 14:21:22 ON 17 MAY 2004
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STRUCTURE FILE UPDATES: 16 MAY 2004 HIGHEST RN 682330-24-1
DICTIONARY FILE UPDATES: 16 MAY 2004 HIGHEST RN 682330-24-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

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=> s 73-31-4
L3      1 73-31-4
          (73-31-4/RN)

=> file caplus medline biosis
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY          SESSION
FULL ESTIMATED COST          0.42          17.73

FILE 'CAPLUS' ENTERED AT 14:21:44 ON 17 MAY 2004
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FILE 'BIOSIS' ENTERED AT 14:21:44 ON 17 MAY 2004
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=> d hist

  (FILE 'HOME' ENTERED AT 14:18:48 ON 17 MAY 2004)

  FILE 'REGISTRY' ENTERED AT 14:18:55 ON 17 MAY 2004
L1      61 S ASTAXANTHIN
L2      158 S MELATONIN

  FILE 'CAPLUS, MEDLINE, BIOSIS' ENTERED AT 14:20:54 ON 17 MAY 2004

  FILE 'REGISTRY' ENTERED AT 14:21:22 ON 17 MAY 2004
L3      1 S 73-31-4

  FILE 'CAPLUS, MEDLINE, BIOSIS' ENTERED AT 14:21:44 ON 17 MAY 2004

=> s 11
L4      3004 L1

=> s 13
L5      32283 L3

=> s 15 and 14
L6      6 L5 AND L4

=> duplicate remove 16
PROCESSING COMPLETED FOR L6
L7      6 DUPLICATE REMOVE L6 (0 DUPLICATES REMOVED)

=> d ibib abs 1-6

L7  ANSWER 1 OF 6  CAPLUS  COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2004:119747  CAPLUS
DOCUMENT NUMBER: 140:186978
TITLE: Cosmetic composition comprising an extract of Emblica officinalis
```

INVENTOR(S) : Hansenne, Isabelle; Galdi, Angelike; Fares, Hani;
 Foltis, Sidney P.
 PATENT ASSIGNEE(S) : USA
 SOURCE : U.S. Pat. Appl. Publ., 12 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004028642	A1	20040212	US 2003-424111	20030428
PRIORITY APPLN. INFO.:			US 2002-375416P	P 20020426

AB The present invention concerns cosmetic compns. and methods comprising an extract of *E. officinalis* and at least one ingredient chosen from dihydroxy acetone, a dibenzoylmethane derivative, ultrafine particles of zinc oxide, ultrafine particles of titanium oxide, astaxanthin, retinoids, alpha-hydroxy acids, beta-hydroxy acids, polyhydroxy acids, hydroquinone, compds. useful for the treatment of dandruff, hair colorants, hair pigments, and hair dyes. The addition of an *Emblica* extract to these compns. has the advantage of increasing their stability and therefore increasing or prolonging their effectiveness in such cosmetic compns. A cosmetic composition contained deionized water 74.58, disodium EDTA 0.1, Me paraben 0.3, chlorphenesin 0.2, phenoxyethanol 0.7, propylene glycol 4.0, glycerin 4.0, xanthan gum 0.07, butylmethoxydibenzoylmethane (avobenzone) 3.0, octyl salicylate 5.0, propylparaben 0.1, glyceryl stearate and PEG-100 1.0, DC 200 (dimethicone) 0.5, stearic acid 1.0, Ganex 220 1.3, cyclopentasiloxane 2.0, Pemulen TR-1 0.2, deionized water 1.0, triethanolamine 0.45, and *E. officinalis* extract 0.5%.

L7 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2003:435098 CAPLUS
 DOCUMENT NUMBER: 139:11879
 TITLE: Topical urea composition
 INVENTOR(S) : Singh, Parashu Ram; Perlmutter, Alan Lorne
 PATENT ASSIGNEE(S) : Can.
 SOURCE: U.S. Pat. Appl. Publ., 16 pp., Cont.-in-part of Appl.
 No. PCT/00CA/1031.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003104080	A1	20030605	US 2002-87850	20020305
WO 2001017484	A2	20010315	WO 2000-CA1031	20000907
WO 2001017484	A3	20010927		
WO 2001017484	C2	20020829		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
 HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
 YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
 CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1999-152637P P 19990907
 WO 2000-CA1031 A2 20000907
 AB Topical compns. comprise about 15-50% by weight urea and a topically effective amount of an antioxidant compatible with skin. Compns. containing vitamin A, vitamin C, vitamin E, and green tea exts. are described. Also

described is a method of enhancing delivery of an antioxidant to the viable epidermis, including topically applying a cosmetic composition of the invention to a skin surface of a mammal.

L7 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:319452 CAPLUS

DOCUMENT NUMBER: 138:314630

TITLE: Orthomolecular sulfo-adenosylmethionine derivatives with antioxidant properties

INVENTOR(S): Wilburn, Michael D.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 17 pp.

CODEN: USXXCO

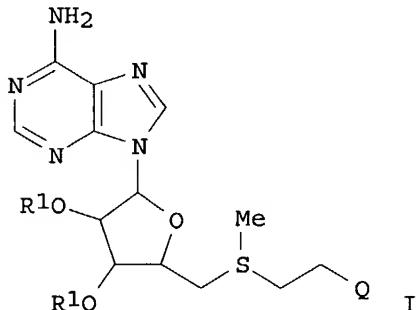
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003078231	A1	20030424	US 2001-886612	20010622
PRIORITY APPLN. INFO.:			US 2001-886612	20010622
OTHER SOURCE(S):		MARPAT 138:314630		
GI				



AB Disclosed are orthomol. sulfo-adenosylmethionine derivative compds., compns., and their uses for effecting a biol. activity in an animal, such as neurochem. activity; liver biol. activity; heart and artery function; cartilage, bone and joint health; stomach and/or intestinal lining resistance to ulceration; immune function; cell membrane integrity; and pain and inflammation. The compds. of the present invention are further useful for preventing or treating diseases or conditions; treating viral infections, infectious diseases, leukemia, and obesity; and reducing the risk of Sudden Infant Death Syndrome in an animal. The compds. of the present invention are I (R1 = H, C1-C10 alkyl, C2-C10 alkenyl or alkynyl, -C(O)R2; R2 = C1-C10 alkyl, C2-C10 alkenyl or alkynyl; Q = -C(NH3)C(O)AX, -C(COOH)NHX; A = O, N; X = a defined reaction product) or pharmaceutically acceptable salt, ester or solvate thereof. α -(S-adenosylmethionine)-O-tocopherol was prepared from N-Acetyl-S-benzyl-L-homocysteine, α -tocopherol, and 5'-O-p-Tolylsulfonyladenosine.

L7 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:293434 CAPLUS

DOCUMENT NUMBER: 136:315009

TITLE: Compositions containing tryptamines, carotenoids and tocotrienols having synergistic antioxidant

INVENTOR(S): Babbish, John G.; Howell, Terrence

PATENT ASSIGNEE(S): Ashni Naturaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 33 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002030412	A1	20020418	WO 2001-US32042	20011012
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE; LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2002120001	A1	20020829	US 2001-976670	20011011
AU 200222903	A5	20020422	AU 2002-22903	20011012
PRIORITY APPLN. INFO.:				
US 2000-240013P P 20001013				
US 2001-976670 A 20011011				
WO 2001-US32042 W 20011012				

AB A novel formulation is provided that serves to synergistically inhibit the generation of free radicals and oxidative stress in warm blooded animals. The formulation comprises an effective amount of a first component of a tryptamine species or derivs. thereof, and, as a second component, at least one member selected from the group consisting of a carotenoid species, a tocotrienol species and derivs. thereof, and provides for synergistic anti-oxidant activity. A combination of melatonin and astaxanthin effectively increased the antioxidant potency of melatonin and astaxanthin by 2.2-2.3-fold.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2001:850930 CAPLUS
 DOCUMENT NUMBER: 135:352806
 TITLE: Compositions normalizing circadian rhythm
 INVENTOR(S): Kiso, Yoshinobu; Ono, Yoshiko; Nagai, Katsuya
 PATENT ASSIGNEE(S): Suntory Limited, Japan
 SOURCE: PCT Int. Appl., 35 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001087291	A1	20011122	WO 2001-JP4027	20010515
W: AU, CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
AU 2001056740	A5	20011126	AU 2001-56740	20010515
EP 1283038	A1	20030212	EP 2001-930144	20010515
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
US 2003091614	A1	20030515	US 2002-30715	20020114
PRIORITY APPLN. INFO.:				
JP 2000-143039 A 20000516				
WO 2001-JP4027 W 20010515				

AB Compns. normalizing circadian rhythm which contain as the active ingredient astaxanthin and/or its ester; and compns. having an effect of potentiating the effect of normalizing circadian rhythm of melatonin by protecting melatonin. These compns. are available in the form of drugs, functional foods, foods or drinks. These compns. exert an effect of

normalizing circadian rhythm and thus preventing or ameliorating sleep disturbance and various diseases caused by circadian rhythm disorder.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:185530 CAPLUS

DOCUMENT NUMBER: 134:227128

TITLE: Topical urea composition for the skin

INVENTOR(S): Singh, Parashu Ram; Perlmutter, Alan Lorne

PATENT ASSIGNEE(S): D.T.R. Dermal Therapy Research Inc., Can.

SOURCE: PCT Int. Appl., 40 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001017484	A2	20010315	WO 2000-CA1031	20000907
WO 2001017484	A3	20010927		
WO 2001017484	C2	20020829		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1214049	A2	20020619	EP 2000-958066	20000907
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
US 2003104080	A1	20030605	US 2002-87850	20020305
PRIORITY APPLN. INFO.:			US 1999-152637P	P 19990907
			WO 2000-CA1031	W 20000907

AB Topical composition that contains about 10 to about 50 % by weight urea with respect to the total composition weight of the composition; and a topically effective

amount of an anti-oxidant compatible with skin. Compns. containing vitamin E, vitamin C, vitamin D and green tea are described. Also described is a method of enhancing delivery of an anti-oxidant to the viable epidermis, including topically applying a composition of the invention to a skin surface of a mammal.

=> file uspatfull
COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
20.27	38.00

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE ENTRY	TOTAL SESSION
-4.16	-4.16

CA SUBSCRIBER PRICE

FILE 'USPATFULL' ENTERED AT 14:25:11 ON 17 MAY 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 14 Feb 2002 (20020214/PD)

FILE LAST UPDATED: 14 Feb 2002 (20020214/ED)

HIGHEST GRANTED PATENT NUMBER: US6330719

HIGHEST APPLICATION PUBLICATION NUMBER: US2002019999

CA INDEXING IS CURRENT THROUGH 14 Feb 2002 (20020214/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 14 Feb 2002 (20020214/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2002
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2002

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>>> USPTO Manual of Classifications in the /NCL, /INCL, and /RPCL <<<
>>> fields. This thesaurus includes catchword terms from the <<<
>>> USPTO/MOC subject headings and subheadings. Thesauri are also <<<
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>>> (IPC) Manuals, editions 1-6, in the /IC1, /IC2, /IC3, /IC4, <<<
>>> /IC5, and /IC (/IC6) fields, respectively. The thesauri in <<<
>>> the /IC5 and /IC fields include the corresponding catchword <<<
>>> terms from the IPC subject headings and subheadings. <<<

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 11
L8 170 L1

=> s 13
L9 261 L3

=> s 19 and 18
L10 5 L9 AND L8

=> d ibib abs 1-5

L10 ANSWER 1 OF 5 USPATFULL on STN
ACCESSION NUMBER: 2004:38106 USPATFULL
TITLE: Cosmetic composition comprising an extract of emblica officinalis and methods of using same
INVENTOR(S): Hansenne, Isabelle, Westfield, NJ, UNITED STATES
Galdi, Angelike, Westfield, NJ, UNITED STATES
Fares, Hani, Somerset, NJ, UNITED STATES
Foltis, Sidney P., Nutley, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004028642	A1	20040212
APPLICATION INFO.:	US 2003-424111	A1	20030428 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-375416P	20020426 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Finnegan, Henderson, Farabow,, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC, 20005-3315	
NUMBER OF CLAIMS:	40	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1220	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention concerns cosmetic compositions and methods comprising an extract of Emblica officinalis and at least one ingredient chosen from dihydroxy acetone, a dibenzoyl methane derivative, ultrafine particles of zinc oxide, ultrafine particles of titanium oxide, astaxanthin, retinoids, alpha-hydroxy acids, beta-hydroxy acids, polyhydroxy acids, hydroquinone, compounds useful for the treatment of

dandruff, hair colorants, hair pigments, and hair dyes. The addition of emblica extract to these compositions has the advantage of increasing their stability and therefore increasing or prolonging their effectiveness in such cosmetic compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 2 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2003:152414 USPATFULL
TITLE: Topical urea composition
INVENTOR(S): Singh, Parashu Ram, North York, CANADA
Perlmutter, Alan Lorne, London, CANADA

NUMBER KIND DATE

PATENT INFORMATION: US 2003104080 A1 20030605
APPLICATION INFO.: US 2002-87850 A1 20020305 (10)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. WO 2000-CA1031, filed on 7 Sep 2000, UNKNOWN

NUMBER DATE

PRIORITY INFORMATION: US 1999-152637P 19990907 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: BLAKE, CASSELS & GRAYDON LLP, Box 25, Commerce Court West, 199 Bay Street, Toronto, ON, M5L 1A9
NUMBER OF CLAIMS: 51
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Page(s)
LINE COUNT: 1214

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topical composition that contains about 10 to about 50% by weight urea with respect to the total composition weight of the composition; and a topically effective amount of an anti-oxidant compatible with skin. Compositions containing vitamin E, vitamin C, vitamin D and green tea are described. Also described is a method of enhancing delivery of an anti-oxidant to the viable epidermis, including topically applying a composition of the invention to a skin surface of a mammal.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 3 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2003:133529 USPATFULL
TITLE: Compositions normalizing circadian rhythm
INVENTOR(S): Kiso, Yoshinobu, Osaka, JAPAN
Ono, Yoshiko, Osaka, JAPAN
Nagai, Katsuya, Osaka, JAPAN

NUMBER KIND DATE

PATENT INFORMATION: US 2003091614 A1 20030515
APPLICATION INFO.: US 2002-30715 A1 20020114 (10)
WO 2001-JP4027 20010515

NUMBER DATE

PRIORITY INFORMATION: JP 2000-143039 20000506
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: MANELLI DENISON & SELTER, 2000 M STREET NW SUITE 700, WASHINGTON, DC, 20036-3307
NUMBER OF CLAIMS: 5
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 10 Drawing Page(s)

LINE COUNT: 728

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides a circadian rhythm normalizing composition containing astaxanthin and/or its ester as an active ingredient, and a composition having the action of enhancing the circadian rhythm normalizing action of melatonin by protecting melatonin. The composition can be in the form of a drug, a functional food, a food or a beverage.

This composition has a circadian rhythm normalizing action, and has the action of preventing or alleviating sleep disorder and various diseases due to disturbance of the circadian rhythm.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 4 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2003:113490 USPATFULL

TITLE: Orthomolecular sulpho-adenosylmethionine derivatives with antioxidant properties

INVENTOR(S): Wilburn, Michael D., Cedar Hill, TX, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003078231	A1	20030424
APPLICATION INFO.:	US 2001-886612	A1	20010622 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	NATH & ASSOCIATES, 1030 15th STREET, 6TH FLOOR, WASHINGTON, DC, 20005		
NUMBER OF CLAIMS:	23		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Page(s)		
LINE COUNT:	1259		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Orthomolecular Sulpho-Adenosylmethionine derivative compounds, compositions, and their uses for effecting a biological activity in an animal, such as neurochemical activity; liver biology activity; heart and artery function; cartilage, bone and joint health; stomach and/or intestinal lining resistance to ulceration; immune function; cell membrane integrity; and pain and inflammation. The compounds of the present invention are further useful for preventing or treating diseases or conditions; treating viral infections, infectious diseases, leukemia, and obesity; and reducing the risk of Sudden Infant Death Syndrome in an animal. The compounds of the present invention are of formula I:
##STR1##

A is 0 or N; and

X is a reaction product as defined herein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 5 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2002:221858 USPATFULL

TITLE: Compositions containing tryptamines, carotenoids and tocotrienols and having synergistic antioxidant effect

INVENTOR(S): Babis, John G., Brooktondale, NY, UNITED STATES
Howell, Terrence, Freeville, NY, UNITED STATES

PATENT ASSIGNEE(S): Ashni Naturaceuticals, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002120001	A1	20020829
APPLICATION INFO.:	US 2001-976670	A1	20011011 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-240013P	20001013 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	M. Wayne Western, THORPE NORTH & WESTERN, L.L.P., P.O. Box 1219, Sandy, UT, 84091-1219	
NUMBER OF CLAIMS:	31	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	1005	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A novel formulation is provided that serves to synergistically inhibit the generation of free radicals and oxidative stress in warm blooded animals. The formulation comprises an effective amount of a first component of a tryptamine species or derivatives thereof, and, as a second component, at least one member selected from the group consisting of a carotenoid species, a tocotrienol species and derivatives thereof, and provides for synergistic anti-oxidant activity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
	ENTRY	SESSION	
FULL ESTIMATED COST	14.49	52.49	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL	
	ENTRY	SESSION	
CA SUBSCRIBER PRICE	0.00	-4.16	

STN INTERNATIONAL LOGOFF AT 14:26:54 ON 17 MAY 2004